PTO/SB/17 (08-00)

Approved for use infough 9/30/2000. OMB 0651-003.

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCI

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCI

Linder the Panerwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

Check Credit Card Money Order Other	eee aid :
Filing Date 21 Februayr 2002 First Named Inventor Filing Date 21 Februayr 2002 First Named Inventor Frist Named Inventor Frist Named Inventor Frist Named Inventor Frist Named Inventor Youne-Sang LEE et al. Examiner Name Peter C. WILDER Group/Art Unit 2623 TOTAL AMOUNT OF PAYMENT (\$) 120.00 Attomey Docket No. P56623 METHOD OF PAYMENT (check one) Fee Fee Fee Fee Fee Gode (8) Check Credit Card Money Order Other Charge Any Additional Fee Required Under 37 C.F.R. \$1.16 and 1.17. Robert Status Small entity status. See 37 C.F.R. \$1.16 and 1.17. 1806 \$180	-
First Named Inventor	-
First Named Inventor	-
Examiner Name Peter C. WILDER Group/Art Unit 2623 TOTAL AMOUNT OF PAYMENT (\$) 120.00 Attorney Docket No. P56623 METHOD OF PAYMENT (check one) I. Payment Enclosed: (CHECK #52247) Check Credit Card Money Order Other Check Credit Card Money Order Other Applicant claims small entity status. See 37 CFR 1.27 Deposit Account Number: 02-4943 TEE CALCULATION BISCELLANEOUS Request for continued examination (RCE) \$ Submission of an IDS \$ Su	-
METHOD OF PAYMENT (check one) 1. Payment Enclosed: (CHECK #52247) Check Credit Card Money Order Other 1801 \$790 2801 \$395 Request for continued examination (RCE) \$ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.	-
METHOD OF PAYMENT (check one)	-
The Commissioner is hereby authorized to charge any deficiency and credit any over payments to: Deposit Account Number: Deposit Account Number: Deposit Account Number: Deposit Account Number: Description Fee Pee Pee Pee Pee Pee Pee Code (\$) Fee Description Fee Descripti	-
Check Credit Card Money Order Other	-
□ Check □ Credit Card □ Money Order □ Other □ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17. □ Applicant claims small entity status. See 37 CFR 1.27 □ Applicant claims small entity status. See 37 CFR 1.27 2. ■ The Commissioner is hereby authorized to charge any deficiency and credit any over payments to: □ Deposit Account Number: 02-4943 □ Code (\$) Fee Description □ Paid □ Code (\$) Fee Description □ Paid □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply within first month □ S120.00 ⟨ (\$) □ Extension for reply	•
Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17. 1806 \$180 1814 \$130 2814 \$65 Statutory disclaimer Satutory disclaimer Satutor	•
Applicant claims small entity status. See 37 CFR 1.27 Applicant claims small entity status. See 37 CFR 1.27 Applicant claims small entity status. See 37 CFR 1.27 The Commissioner is hereby authorized to charge any deficiency and credit any over payments to: Deposit Account Number: Deposit Account Number: Deposit Account Number: FEE CALCULATION Fee Fee Fee Fee Fee Fee Fee Fee Code (\$) Fee Description Fee Paid EXTENSION OF TIME FEES 1251 120 2251 60 Extension for reply within first month \$120.00 62017/201 \$400 Application for renewal, per class \$1252 450 2252 225 Extension for reply within second month \$120.00 62017/201 \$400 Application for renewal, per class \$1253 1020 2253 510 Extension for reply within fourth month \$1462 \$400 Petitions to Director (Group I) APPEAL 1401 500 2401 250 Notice of Appeal 1402 500 2402 250 Filling a brief in support of an appeal \$1453 \$1500 2453 \$750 Petitions to revive unintentionally abandoned \$1453 \$1500 2455 \$750 Petitions to revive unintentionally abandoned \$1453 \$1500 2455 \$750 Petitions to revive unintentionally abandoned \$1452 \$1450 \$150 Petitions to revive unintentionally abandoned \$1452 \$150 Petitions to revive unintentionally abandoned \$150 Petitions to Peritions to Peritions	
Applicant claims small entity status. See 37 CFR 1.27 2. The Commissioner is hereby authorized to charge any deficiency and credit any over payments to: Deposit Account Number: Deposit Account Number: Deposit Account Number: FEE CALCULATION Fee Fee Fee Fee Fee Fee Fee Fee Code (\$) Fee Description Fee Pald Code (\$) EXTENSION OF TIME FEES 1251 120 2251 60 Extension for reply within first month \$120.00 6201/7201 \$400 Application for renewal, per class \$1253 1020 2253 510 Extension for reply within fourth month \$120.00 6201/7201 \$400 Application for renewal, per class \$1253 1020 2253 1080 Extension for reply within first month \$1462 \$400 Petitions to Director (Group I) APPEAL 1464 \$130 Petitions to Director (Group III) STADEMARK Application of assignment per property \$1235 Application for registration, per class \$1400 000000000000000000000000000000000	
2. ■ The Commissioner is hereby authorized to charge any deficiency and credit any over payments to: Deposit Account Number: Deposit Account Number: Deposit Account Number: FEE CALCULATION Fee Code (\$) Fee Description Fee Paid EXTENSION OF TIME FEES 1251 120 2251 60 Extension for reply within first month \$120.00 for reply within first month \$120.00 for reply within fourth month \$125 100 for reply within fourth month \$125 100 for reply within first month \$1462 \$400 Petitions to Director (Group II) APPEAL TRADEMARK Application for registration, per class \$6001/7001 \$335 Application for registration, per class \$100 Amendment to Allege Use, per class \$100 Amendment to U	
any deficiency and credit any over payments to: Deposit Account Number: 02-4943 6002/7002 \$100 Amendment to Allege Use, per class \$	
Deposit Account Number: 102-4943 6002/7002 \$100 Amendment to Allege Use, per class \$5003/7003 \$100 Statement of Use, per class \$6003/7003 \$100 Statement of Use, per class \$	
FEE CALCULATION Fee Fee Fee (\$) Fee Description Fee Paid 6003/7003 \$100 Statement of Use, per class \$6004/7004 \$150 Request for six-month extension of time, per class \$6205/7205 \$100 \$8 affidavit, per class \$6208/7205 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100	
Fee Code (\$) Fee Code (\$) Fee Description Fee Paid 6004/7004 \$150 Request for six-month extension of time, per class \$ EXTENSION OF TIME FEES 6208/7205 \$100 §8 affidavit, per class \$ 1251 120 2251 60 Extension for reply within first month \$120.00 \$6201/7201 \$400 Application for renewal, per class \$ 1252 450 2252 225 Extension for reply within second month \$ 1253 1020 2253 510 Extension for reply within fourth month \$ 1254 1590 2254 795 Extension for reply within fourth month \$ 1255 2160 2255 1080 Extension for reply within fifth month \$ 1462 \$400 Petitions to Director (Group I) \$ APPEAL 1464 \$130 Petitions to Director (Group II) \$ APPEAL 1452 \$500 2452 \$250 Petitions to revive unavoidably abandoned \$ 1402 500 2402 250 Filing a brief in support of an appeal \$ 1453 \$1500 2453 \$750 Petitions to revive unintentionally abandoned \$	
EXTENSION OF TIME FEES 6205/7205 \$100 \$8 affidavit, per class \$1251 120 2251 60 Extension for reply within first month \$120.00 \$100 \$252 225 Extension for reply within second month \$120.00 \$100 \$253 \$100 \$253 \$100 \$253 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100	
EXTENSION OF TIME FEES 6205/7205 \$100 \$8 affidavit, per class \$	
1251 120 2251 60 Extension for reply within first month \$120.00 6201/7201 \$400 Application for renewal, per class \$ 1252 450 2252 225 Extension for reply within second month \$ 1253 1020 2253 510 Extension for reply within third month \$ 1254 1590 2254 795 Extension for reply within fourth month \$ 1255 2160 2255 1080 Extension for reply within fifth month \$ 1462 \$400 Petitions to Director (Group I) \$ 1463 \$200 Petitions to Director (Group II) \$ 1464 \$130 Petitions to Director (Group III) \$ 1469 \$100 \$200 \$200 \$200 \$200 \$200 \$200 \$200	
1252 450 2252 225 Extension for reply within second month \$ 6403/7403 \$100 Ex parte appeal, per class \$ 1253 1020 2253 510 Extension for reply within third month \$ PETITION 1254 1590 2254 795 Extension for reply within fourth month \$ 1462 \$400 Petitions to Director (Group I) \$ 1255 2160 2255 1080 Extension for reply within fifth month \$ 1463 \$200 Petitions to Director (Group II) \$ APPEAL 1401 500 2401 250 Notice of Appeal \$ 1452 \$500 2452 \$250 Petitions to revive unavoidably abandoned \$ application 1402 .500 2402 250 Filing a brief in support of an appeal \$ 1453 \$1500 2453 \$750 Petitions to revive unintentionally abandoned \$	
1253 1020 2253 510 Extension for reply within third month \$ PETTION	
1254 1590 2254 795 Extension for reply within fourth month \$ 1462 \$400 Petitions to Director (Group I) \$ 1255 2160 2255 1080 Extension for reply within fifth month \$ 1463 \$200 Petitions to Director (Group II) \$ 1464 \$130 Petitions to Director (Group III) \$ 1461 \$500 2401 250 Notice of Appeal \$ 1452 \$500 2452 \$250 Petitions to revive unavoidably abandoned \$ 1402 .500 2402 250 Filing a brief in support of an appeal \$ 1453 \$1500 2453 \$750 Petitions to revive unintentionally abandoned \$ 1453 \$1500 2453 \$750 Petitions to revive unintentionally abandoned \$ 1453 \$1500 2453 \$750 Petitions to revive unintentionally abandoned \$ 1453 \$1500 2453 \$750 Petitions to revive unintentionally abandoned \$ 1453 \$1500 2453 \$750 Petitions to revive unintentionally abandoned \$ 1453 \$1500 2453 \$750 Petitions to revive unintentionally abandoned \$ 1453 \$1500 2453 \$750 Petitions to revive unintentionally abandoned \$ 1453 \$1500 2453 \$750 Petitions to revive unintentionally abandoned \$ 1453 \$1500 2453 \$750 Petitions to revive unintentionally abandoned \$ 1453 \$1500 2453 \$750 Petitions to revive unintentionally abandoned \$ 1453 \$1500 2453 \$750 Petitions to revive unintentionally abandoned \$ 1453 \$1500 2453 \$750 Petitions to revive unintentionally abandoned \$ 1450 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1500 \$1	
1255 2160 225 1080 Extension for reply within fifth month \$ 1463 \$200 Petitions to Director (Group II) \$ APPEAL 1464 \$130 Petitions to Director (Group III) \$ 1401 500 2401 250 Notice of Appeal \$ 1452 \$500 2452 \$250 Petitions to revive unavoidably abandoned \$ application 1402 500 2402 250 Filing a brief in support of an appeal \$ 1453 \$1500 2453 \$750 Petitions to revive unintentionally abandoned \$	
APPEAL 1464 \$130 Petitions to Director (Group III) \$ 1401 500 2401 250 Notice of Appeal \$ 1452 \$500 2452 \$250 Petitions to revive unavoidably abandoned \$ application 1402 .500 2402 250 Filing a brief in support of an appeal \$ 1453 \$1500 2453 \$750 Petitions to revive unintentionally abandoned \$	
1401 500 2401 250 Notice of Appeal \$ 1452 \$500 2452 \$250 Petitions to revive unavoidably abandoned \$ application 1402 .500 2402 250 Filing a brief in support of an appeal \$ 1453 \$1500 2453 \$750 Petitions to revive unintentionally abandoned \$	
1402 500 2402 250 Filing a brief in support of an appeal \$ 1453 \$1500 2453 \$750 Petitions to revive unintentionally abandoned \$	
application	
1403 1000 2403 500 Request for oral hearing \$ PATENT MAINTENANCE	
CLAIMS 1551 \$900 2551 \$450 Due at 3.5 years \$	
1201 200 2201 100 Independent claims in excess of 3 \$ 1552 \$2300 2552 \$1150 Due at 7.5 years \$	
1202 50 2202 25 claims in excess of 20 (4) \$ 1553 \$3800 2553 \$1900 Due at 11.5 years \$	
Other Fee (specify) \$ Other Fee (specify) \$	
Other Fee (specify) \$ Other Fee (specify) \$	
Other Fee (specify) \$ Other Fee (specify) \$	
SUBTOTAL: LEFT COLUMN \$120.00 SUBTOTAL: RIGHT COLUMN \$.00	
SUBMITTED BY Complete (if applicable)	$\overline{}$
Typed or Printed Robert E. Bushnell, Esq. Reg. Number 27,774	ヿ
Signature Signature Signature Date 15 March 2007 Deposit Account User ID User ID Deposit Account	\dashv



PATENT P56623

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Youne-Sang LEE, et al.

Serial No.:

10/078,376

Examiner:

P. Wilder

Filed:

21 February 2002

Art Unit:

2623

For:

SYSTEM AND METHOD FOR RESTORING DIGITAL TV SIGNAL

RESPONSE PURSUANT TO 37 CFR §1.116

Paper No. 8

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the final Office action (Paper No. 20061108), mailed 15 November 2006, entry of the following amendments and/or remarks, re-examination and reconsideration, are respectfully requested. The period for response is being extended by the Petition for an extension of time and its appropriate fee concurrently filed with this Response.

Folio: P56623 Date: 3/15/07 I.D.: REB/MDP